

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000223

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C08G 77/20, C08G 77/04, H01B 3/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C08G, H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, CAPLUS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6242339 B1 (NOBUO AOI), 5 June 2001 (05.06.2001)	1-53
A	WO 03015129 A2 (ADVANCED TECHNOLOGY MATERIAL, INC.), 20 February 2003 (20.02.2003)	1-53
A	US 6348240 B1 (JEFFREY M. CALVERT ET AL), 19 February 2002 (19.02.2002)	1-53
A	WO 03059990 A1 (SILECS OY), 24 July 2003 (24.07.2003)	1-53

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

31 August 2004

Date of mailing of the international search report

08-09-2004

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Erika Stenroos/Els

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/07/2004

International application No.

PCT/FI 2004/000223

US	6242339	B1	05/06/2001	JP	3305251	B	22/07/2002
				JP	11243147	A	07/09/1999
				US	6333257	B	25/12/2001
				US	6710451	B	23/03/2004
				US	2001026019	A	04/10/2001

WO	03015129	A2	20/02/2003	US	2003064154	A	03/04/2003
----	----------	----	------------	----	------------	---	------------

US	6348240	B1	19/02/2002	US	5648201	A	15/07/1997
				DE	69231893	D,T	28/03/2002
				EP	0510711	A,B	28/10/1992
				JP	5202483	A	10/08/1993
				US	5389496	A	14/02/1995
				US	5500315	A	19/03/1996

WO	03059990	A1	24/07/2003	US	2003186494	A	02/10/2003
				US	2004002617	A	01/01/2004
				US	2004012089	A	22/01/2004
				WO	03057702	A	17/07/2003
				WO	03057703	A	17/07/2003
				WO	03063205	A	31/07/2003